



VADEMECUM FOR EMSHIP STUDENTS (TRACK 2)

1. Galati City

Located at the confluence of three rivers, the Siret, the Prut and the Danube, the city of Galati quite early developed as a main flourishing commercial center and the biggest Romanian port on the banks of the Danube River, being established in 1445.

The city has a population of about 250.000 inhabitants (2011) and is situated at 250 km from Bucharest, Romania's capital city, in the South East part, not far from the famous Danube Delta, on the bank of the Danube River at 150 km (80 MM) from the Black Sea.

Galati has long developed as the nucleus of the Romanian shipbuilding industry and the most important metallurgical center in the country due to the large number of metal processing units among which the Integrated Steel and Iron Works. A significant number of food factories are to be found all over the district of Galati, while it ranks the second area famous for its vineyards.

2. University „Dunarea de Jos” of Galati (UGAL) www.ugal.ro

The structure of the former institute in Galati included subjects no where to be found in the country but here: naval architecture, food science, fishery and refrigerating engineering. This accounts for the related curricula, syllabi, lectures and references being entirely devised by the academics of Galati University.

In over 65 years' existence (since 1948), the higher education in Galati has provided training for more than 60,000 graduates in engineering, economics and humanities.

Nowadays „Dunarea de Jos” University of Galati operates with 14 faculties accommodating over 11,000 students; bachelor, master and PhD degree programs are available along with distance learning and continuing education opportunities.

The University provides a full range of laboratories and services available to both students and academic staff. Computing resources are available at all departments and students have free and unlimited access to them. The library facilities are distributed through five fully library units placed in the whole campus, being open throughout the week.

The University campus maintains hostels / dormitories for students. There are two canteens. The medical center makes a wide range of medical services available for students (internal medicine, echo-graph, etc).

The University is located in the residential area surrounded by a lot of shopping facilities. It ensures cultural and outdoor opportunities.

“Dunarea de Jos” University of Galati is a state-owned higher education institution, being a medium-size university in Romania. All the educational programs developed at UGAL are accredited by the ARACIS the Romanian Agency for Quality Assurance in Higher Education (member of ENQA and EQAR).

Dunarea de Jos” University of Galati has been developing international cooperation relations with universities all over the world. At the same time the Galati University has been actively involved in a large number of European programs such as TEMPUS, COPERNICUS, FP6, FP7, COPERNICUS ERASMUS, LEONARDO, COST, etc.

3. Naval Architecture Faculty (FAN) www.naoe.ugal.ro

The Naval Architecture Faculty from Galati is the oldest Romanian Higher Education Institution in the naval architecture domain (since 1951), being the only faculty all over the country that has a widely recognized tradition in the numerical and experimental research related to the ship hydrodynamics and structures. The faculty benefits of adequate infrastructure and facilities for research, as towing tank and cavitation tunnel, both unique in the country, ship equipment labs, etc.

The own educational programs developed in the frame of the Galati Naval Architecture Faculty are: two bachelor programs (Naval Architecture; Ship Systems and Equipments, on 4 years, in Romanian and English); two master programs (Naval Architecture; Advanced Shipbuilding Technologies, on 2 years, in English) and one PhD program (Ships' Hydrodynamics and Structures – Mechanical Engineering, on 3-4 years), having in total over 600 students each year.

The studies are organized in two semesters: winter semester 1st October till 15th February (including two weeks the winter holidays) and summer semester 15th February till 20th July.

4. Course registration of the individual international students for UGAL programs

(Not applicable for the EMship students)

Note. Those information apply for the international students that are enrolling on own education programs from „Dunarea de Jos” University of Galati.

International students willing to study in Romania can apply either to the Romanian Ministry of Education and Research or to „Dunarea de Jos” University of Galati in order to receive a Letter of Acceptance.

Documents requested are: application form dully filled in; certified copy of the Bacalaureate Diploma or equivalent-for undergraduate studies; certified copy of the graduation certificate for graduate or PhD applicants; academic record translated into Romanian, French or English; language certificate; certified copy of the birth certificate; certified copy of the passport; three photos, health certificate.

The application forms are available at the International Relations Office of the Ministry of Education and Research ([www.edu.ro/InternationalRelations/Study in Romania](http://www.edu.ro/InternationalRelations/StudyinRomania)), or at address: Ministerul Educatiei si Cercetarii, str. G-ral Berthelot nr 28-30, Sector 1, Cod RO-010168 Bucuresti), at Dunarea de Jos” University of Galati or Romanian embassies abroad. Copies of the application documents have to be mailed to the Romanian Ministry of Education and Research or to Galati University in order to receive the approval statement. The Ministry of Education and Research may issue the Letter of Acceptance in at least 2 months from the date of receiving the complete files. The official documents have to be submitted personally, in original.

Before coming to Romania international students should have their documents endorsed by the Romanian Embassies in their own countries, and then they should obtain a valid study visa in Romania, except for the EU incoming students who can enrol under the same conditions as the Romanian students.

The application file must be sent to the Ministry of Education by 24th August.

5. Romanian Visa Requirements / Health Insurance

- The UGAL Office of International Affairs ensures the specific *visa support for non-EU students*, by delivering the acceptance letter addressed to the Embassy of Romania in the French Republic, the EMship students being in the 3rd semester enrolled at Ecole Centrale de Nante (ECN). Usually the visa initial is granted for 3 months period. Upon students' arrival in Galati, the UGAL International Office assists the EMship non-EU students to extend their Romanian visa till the end of the 4th semester (September) at the Galati County Immigration Office.

Embassy of Romania in the French Republic

Address: 5, Rue de l'Exposition 75007, Paris CEDEX 07

Phone: 0033-1-47.05.10.46;
0033-1-47.05.18.70

Phone Consular Section: 0033-1-47.05.27.55

Phone Economic Section: 0033-1-47.05.12.74

Fax: 0033-1-45.56.97.47

Website: <http://paris.mae.ro/>

E-mail: secretariat@amb-roumanie.fr

To apply for long-stay visa (marked D), with the formulary from the embassy official web-site.

Embassy of Romania in the Kingdom of Belgium

Address: 105, Rue Gabrielle, 1180 Bruxelles, Belgique

Fax: 0032-2-346.23.45

Phone: 0032-2-345.26.80

Consular Section

Phone: 0032-2-343.69.35

Fax: 0032/23469814

E-mail: secretariat@roumanieamb.be

Web Site: <http://bruxelles.mae.ro/>

Romanian Information Center in Brussels

Address: 107 Rue Gabrielle 1180 Bruxelles

Phone: +32 2 344 41 45 Fax: + 32 2 344 24 79

Web: www.roinfocentre.be (crib.mae.ro)

E-mail: office@roinfocentre.be

The non-EU students have to apply for ***the long-stay visa (marked D)***, which allows the entry and stay of aliens on the territory of Romania for a period of 90 days at the most, including the purposes of studying and research. The right of stay in this case is of 90 days; however, this type of visa allows for its prolongation following an official request addressed to the Romanian Office for Immigration which is part of the Romanian Ministry of Administration and Interior. The requests for the extension of the right of stay must be personally submitted by the applicants, at the local branch-offices of the Romanian Office for Immigration closest to their place of residence (in Galati), at least 30 days before expiry of the stay right granted by the visa. Overstaying the visa entails cancellation of the visa and the obligation of leaving the territory of Romania. All aliens requiring a Romanian visa shall attach to the duly filled-in and signed application form a valid travel document, acknowledged by the state of Romania, to which the visa sticker may be applied as well as all the documents required under the law to attest the stated purpose of the trip, the duration of the stay, financial means for the stay, as well as the possibility for the aliens to return to their home country or continue the trip to a third state, upon the end of their stay in Romania.

- The EMship master program has 6+18 months of study, starting on the first semester in Belgium at University of Liege (ULG), where for the ***students' insurance*** all the students are receiving a European Health Insurance Card, valid for all the fourth study semesters in the frame of the EU consortium universities, covering health and various accidents situations. Nevertheless, all foreign students who come to study at University of Galati (UGAL), under the age of 26, have automatically a valid medical insurance as the Romanian students. For any other insurance cases the UGAL Office of International Affairs will provide the appropriate support to the foreign students.

6.EMship students on the 4th semester at UGAL (90 ETCS EMship new version – Track 2)

- The EMship students are ***enrolled*** at „Dunarea de Jos” University of Galati, Naval Architecture Faculty for the 4th semester, starting March, with educational activities till September (before the EMship Week). The students are enrolled free of charge at UGAL, in the frame of Erasmus ECTS learning agreement, being assisted by the UGAL Office of International Affairs and Naval Architecture Faculty coordinators. The EMship students are included by UGAL Office of International Affairs in the local international students' network. The students receive facilities for transport; they can take part to students' social events and any activities organized by the local student union. The orientation of the newcomers is ensured by International Office staff and by the local coordinators from the Naval Architecture Faculty.

- UGAL is assisting the *accommodation* of foreign students who came through international programs, so that the housing is provided at a reduced cost in student hostel for around 100 Euro per month. The student hostel for EMship students is placed in the neighbourhood of the UGAL Naval Architecture Faculty main building. The student rooms are booked (March - September) for the foreign students at the UGAL Housing Office by the UGAL Office of International Affairs, according to the local coordinators request. For lunch the students have access to the UGAL *canteen*, on a reduced cost, first course, main course and desert around 3-4 Euro. All the buildings in UGAL campus have access facilities for the students with special needs, according to the national and international regulations, and in the university have been already developed special programs for them.
 - In whole UGAL campus and dormitories is granted *free access to a wireless internet network* for the students and staff, including also the foreign students from the EMship program.
 - The UGAL students have granted free access to main *library* of the University of Galati, to the Naval Architecture Faculty own library and also to the Galati town library, placed in the neighbourhood of the UGAL campus.
 - University of Galati (UGAL) covers the *activity in the third semester*, including:
 - **Two lectures** (10 ECTS): S4-UGAL-1 SHIP PROPULSION (5 ECTS)
S4-UGAL-2 SHIP MANOEUVRABILITY (5 ECTS)
 - S4- UGAL-3 **Master theses + Internship** (20 ECTS)
- following up the preliminary next time table (**for the 90 ETCS EMship new version – Track 2**):

Arrival in Galati	Beginning of March
Internship at Romanian Companies in Galati	Beginning of March till June
Start for Master Thesis	Beginning of March
Start of lectures for EMship students at UGAL Ship Manoeuvrability and Propulsion (in Galati)	Beginning of March, in parallel to the Internship
Lecture: S4-UGAL-1 (Lecture & applications) Ship Propulsion / Prof. Amoraritei M.	March – May (40 h – 10 weeks)
Lecture: S4-UGAL-2(A) (Lecture) Ship Manoeuvrability / Prof. Obreja D.C.	March – May (20 h – 10 weeks)
Lecture: S4-UGAL-2(B) (CFD applications) Ship Manoeuvrability / Prof. Pacuraru F.	March – May 20 h – 10 weeks)
Exams: Ship Manoeuvrability and Propulsion	June
Deadline for Master Thesis	July
Defence of Master Thesis (public workshop)	Around 20 th of July or Beginning of September
Summer Holidays University is closed	End of July – End of August
Grades Report for EMship students at UGAL	July or Beginning of September
Leaving Galati for EMship week	September
EMship week at Istanbul	September

Lecture – Ship propulsion

Code: EMSHIP S4-UGAL-1 (Semester 4)

Workload: 20 h lecture & 20 h applications (10 weeks)

Number of credits: 5 ECTS

The objective is to provide the specific knowledge about the ship propulsion devices, taking into consideration not only the classical propulsion means (screw propellers), but also the unconventional ones.

The course focuses on: fundamentals of propeller theory; flow mechanisms; cavitation; propeller design and analysis; unconventional propulsion arrangements; energy serving devices; trends ship propulsion; experimental investigation.

Lecturer: Professor Mihaela Amoraritei

Lecture - Ship Manoeuvrability

Code: EMSHIP S4-UGAL-2 (Semester 4)

Workload: 20 h lecture & 20 h applications (10 weeks)

Number of credits: 5 ECTS

The objective is to provide the specific knowledge in the ship manoeuvrability.

The course focuses on: mathematical models of the ship manoeuvrability; experimental investigations of the hydrodynamic derivatives; standard ship manoeuvres; passive control surfaces rudder hydrodynamic forces and moments, interaction between hull-propeller-rudder, active control devices.

The applications are focused on: CAD-CAE tools for manoeuvrability performance calculation (Aveva code – Initial Design, Manoeuvrability module); CFD tools for rudder design (Shipflow code).

Lecturers: Professor Dan Obreja, Professor Florin Pacuraru

Internship (5 ECTS) can be carried out on the following companies: ICE ICEPRONAV Galati, SDG Ship Design Group Galati, BV Bureau Veritas Romania, NAVYK Galati, UGAL, DSG Damen Shipyards Galati. The selection of the internship companies correlated to the master thesis topics and lectures is carried out only by the UGAL advisors.

- The lectures thought at UGAL, in the frame of EMship master, ***the communication*** with local coordinators, teaching staff and international office is in ***English language***. Also the guidance for the master thesis and internship at SAB members companies from Galati are based on English language communication. For non-formal communication, also other foreign languages might be used, as French and German languages. Nevertheless, the foreign students who are studying in Galati might chose to take classes in an intensive course in Romanian language, combined with seminars on Romanian culture and traditions. This language course is organized free of charge by the Faculty of Letters from University of Galati.
- UGAL provides to the EMship students free access to the ***learning support facilities*** in the frame of Naval Architecture Faculty, including: lecture classrooms, computer room and licensed software for ship propulsion and manoeuvrability topics and other related to the ship design domain, experimental facilities as ships' model towing tank and propeller cavitation tunnel. In all their activities the students are assisted by the teaching staff and technical staff of the Naval Architecture Faculty. The internship is organized at SAB members companies from Galati.

7. Assistance, orientation and welcoming support and guidance offered to the EMship students for the 4th semester at UGAL (90 ETCS EMship new version – Track 2)

The staff from the Naval Architecture Faculty involved in the EMship program and the UGAL International Office assist the EMship students before their arrival and during the third semester at University of Galati.

As first step, during the ULG second semester, the students that have selected UGAL for the fourth semester, have a first contact with the UGAL coordinators, being assisted in selecting their master thesis topic and the linked internship company in Galati.

During the third semester at ECN, the students going to UGAL in the third semester, using the LMS website and emails are in contact with their advisors appointed by UGAL coordinators, receiving information's about their master thesis, as input data for the initiation of research activity.

The students receive from the UGAL International Office the acceptance letters addressed to the Embassy of Romania in the French Republic (November-December), as soon as ULG has sent to UGAL the Erasmus learning agreement for the 4th semester EMship students.

The student rooms at university dormitories are booked in advance by the UGAL International Office at the UGAL Housing Office (contact Dr. Alexandru Praisler).

The students receive travel information from Bucharest Airport to Bucharest train station and then to Galati train station (March, see section 8), no later than the 5th of March.

The students are assisted to fill up the accommodation formalities at UGAL student hostel, by the local coordinators and International Office.

The UGAL International Office and local coordinators are assisting the EMship students to get enrolled at University of Galati (free of charge), in the frame of Erasmus ECTS learning agreement, to fill up the visa extension formalities for Galati County Immigration Office, to have a full orientation guidance concerning the facilities in the UGAL campus and at Naval Architecture Faculty, computer room, internet access codes, library, canteen, social places, etc.

The EMShip students have to have all the scholars papers received from ULG at registration and also the previous medical reference (contact Dr. Alexandru Praisler).

The UGAL coordinators are setting up a meeting with the teaching staff from EMship program and the academic advisors for each student of the third semester.

The UGAL coordinators, academic advisors and EMShip students take part at the internship companies meetings, being signed the internship conventions for each student, including the internship activities established by the company tutors and the university advisors.

The UGAL International Office and university coordinators are providing assistance to the EMship students, during the third semester at UGAL, till the departure at the EMship Week (end of February), by a direct contact between the students and the assisting staff.

8. Arrival from Bucharest to Galati

- International Airport “Otopeni” Bucharest to Train Station Bucharest Nord (Gara de Nord-Bucuresti Nord) by Airport express bus line no. 780

Bus time table: http://www.ratb.ro/v_bus_expres.php?tlin1=780

Price for airport express bus ticket is around 20 RON (4.5 Euro), available in bus station at airport.

- Train Station Bucharest Nord (Gara de Nord- Bucuresti Nord) to Galati Train Station by train, with the time table: <http://www.cfrcalatori.ro>

Price for train ticket is around 100 RON (22.5 Euro), available in bus station at airport.

- Train Station Galati to UGAL LSG dormitories, by local bus line no. 26 (2nd bus station)

Price for bus ticket is 1.5 RON (0.4 Euro), available in bus station at train station.

The UGAL team will inform in time about the changes in train and bus time table and the booked rooms at UGAL dormitories for the EMShip students.

9. EMship Contacts at UGAL

For academic issues:

Leonard Domnisoru

Florin Pacuraru

“Dunarea de Jos” University of Galati

Faculty of Naval Architecture

Str. Domneasca 111

RO-800201 Galati, Romania

Tel.: +40 336 130 230

Fax: +40 236 495 400

E-mail: leonard.domnisoru@ugal.ro

florin.pacuraru@ugal.ro

<http://www.naoe.ugal.ro>

For administrative issues:

Alexandru Praisler

Sanda Cruceanu

“Dunarea de Jos” University of Galati

Office of International Affairs

Str. Domneasca 47

RO-800008 Galati, Romania

Tel.: +40 336 130 262 / +40 236 460 328

Fax: +40 236 461 353

E-mail: alexandru.praisler@ugal.ro

sanda.cruceanu@ugal.ro

<http://www.ugal.ro>



“Dunarea de Jos” University of Galati
Office of International Affairs & Rectorat



Naval Architecture Faculty main building

