

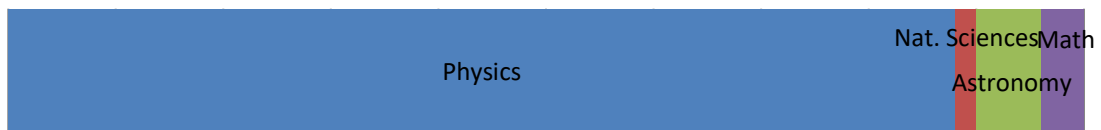
“302 International NASE-IAU Astronomy Course”

Ulaanbaatar, Mongolia, June, 2022

Questionnaire

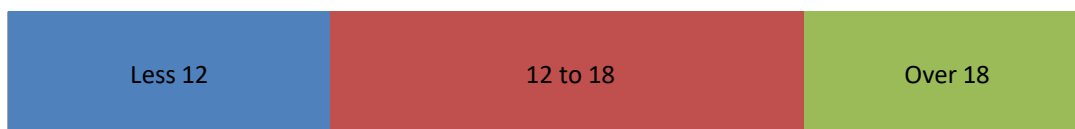
Discipline:

| | | | |
|---------|---------------|-----------|------|
| Physics | Nat. Sciences | Astronomy | Math |
| 88% | 2% | 6% | 4% |



Level:

| | | |
|---------|----------|---------|
| Less 12 | 12 to 18 | Over 18 |
| 30% | 44% | 26% |



Is this school your first contact with astronomy?

| | |
|-----|-----|
| Yes | No |
| 85% | 15% |



If no, what is your background in astronomy?

| | | | |
|-------------|---------|----------|------------|
| Self-taught | Courses | Amateurs | University |
| 18% | 32% | 14% | 36% |



What was the cause for participating in this course?

| Professionals | Personnel |
|---------------|-----------|
| 69% | 31% |



What do you think of the choice of dates?

| Very well | Well | Bad | Very bad |
|-----------|------|-----|----------|
| 52% | 42% | 3% | 3% |



What about duration?

| Very well | Well | Poor |
|-----------|------|------|
| 56% | 39% | 4% |



What do you think of the organization of the day (and night) in four different types of activities: conferences, working groups, workshops, observations?

| Very well | Well | Poor |
|-----------|------|------|
| 39% | 57% | 4% |



What kind of activities have preferred?

| All | Workshops | Working group | Lectures |
|-----|-----------|---------------|----------|
| 59% | 19% | 13% | 9% |



What kind of activities you like less?

| | | | |
|------|--------------|----------|----------------|
| None | Observations | Lectures | Working groups |
| 63% | 9% | 9% | 19% |



The subjects, have met your expectations?

| | | |
|-----------|------|------|
| Very well | Well | Poor |
| 52% | 43% | 3% |



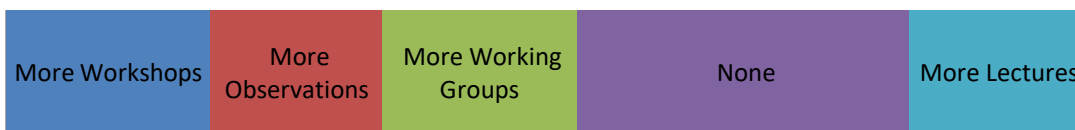
What would you delete?

| | | | | |
|------|----------|-----------|--------------|----------------|
| None | Lectures | Workshops | Observations | Working groups |
| 74% | 5% | 4% | 9% | 8% |



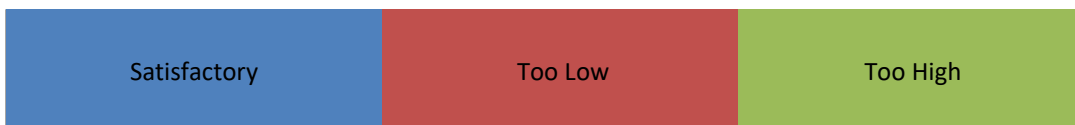
What would you add?

| | | | | |
|----------------|-------------------|---------------------|------|---------------|
| More Workshops | More Observations | More Working Groups | None | More Lectures |
| 19% | 16% | 18% | 31% | 16% |



The level of activities has been:

| | | |
|--------------|---------|----------|
| Satisfactory | Too Low | Too High |
| 35% | 33% | 32% |



What is your opinion about the teaching methods of teachers?

| | |
|-----------|------|
| Very well | Well |
| 56% | 44% |



What is your opinion about NASE web?

| | | |
|-----------|------|------|
| Very well | Well | Poor |
| 58% | 37% | 5% |



What is your opinion about coordination between different activities?

| | | |
|-----------|------|------|
| Very well | Well | Poor |
| 47% | 50% | 3% |



What is your overall opinion of the course related to:

a) Exchanges and contacts with other participants?

| | | |
|-------------|------------------|---------------|
| Interesting | Very interesting | Uninteresting |
| 58% | 41% | 1% |



b) What is your opinion about the usefulness of the course to their teaching?

| Very useful | Useful | Not very useful |
|-------------|--------|-----------------|
| 48% | 50% | 2% |



What especially criticize?

- None
- No
- Not
- The calculations of the planets were very interesting to make his model
- Because the level of not understanding, some of the lectures.
- Slowly
- Observations and experiments
- Unknown
- Very interesting
- Noting to criticizing
- How teachers are teaching pupils understandably
- Cooperation and practice are needed
- Ooh no very nicely
- Good
- That's courses very good, very interesting. Thank you very much. I would like to attend such a course again.
- No thanks
- I did not have time to prepare materials for the exercises

What you would value more?

- Yes
- Experiments
- Experimental calculations
- Good luck
- Diligently
- Learning content
- Internship
- Important information
- Interesting
- Able to include a lot of teachers from rural areas

- We need practice
- All
- Experimental calculations
- It's a very interesting instruction to make sense of the lesson from being conducted with experiments.
- Teaching quality, student performance, student knowledge, practice any activity and provide skills
- How to teach astronomy
- Yes, value more
- Observations
- Working groups
- Quality
- All
- Well
- Yes
- Method and generally information about astronomy very interesting
- Workshops
- Thank you
- Workshops
- I need to send an introduction to the course

Other observations?

- I am very happy
- The participants were uncultured
- It is more effective if it is carried out regularly in certain stages and in a progressive manner
- And we need equipments
- Thanks
- Thankful
- Real hands-on practice, observation and calculation
- Workshops
- Working group
- Quality very well
- Good
- All
- Useful
- Thank you
- Workshop seem interesting